[0063] ABSTRACT OF THE DISCLOSURE

[0064] A network device determines forwarding information for received data frames. The network device includes input ports, queuing logic, a forwarding engine, and a port filter. The input ports receive data frames. The queuing logic transfers at least some of the received data frames to an external memory. The forwarding engine generates forwarding information for at least some of the data frames transferred by the queuing logic to the external memory. The port filter stores forwarding information for one or more of the received data frames and analyzes each of the received data frames to determine whether there is stored forwarding information related to the received data frame. When there is stored forwarding information related to the received data frame, the port filter uses the stored forwarding information to forward the received data frame.